

**REPLACEMENT PAGE**

**Abstract of the Disclosure**

A backtracking method, program and unit that involves a traceback computer program for tracking a denial-of-service attack on a victim machine, v, back toward the source of the denial-of service attack. The traceback program determines a set of routers that are upstream neighbors of v and determines which of those neighbors is the principal source of packets flowing to v. After determining the identity of the neighbor node, n, that is the principal source of packets flowing to v, the traceback program continues further upstream from n to determine the upstream neighbor of n that is the principal source of packets to v. After determining this upstream neighbor, the program continues further upstream until the source of the denial-of-service packets is determined.